

AMENDMENTS TO THE CLAIMS:

Please cancel claims 2 and 3, without prejudice, amend claims 1, 17-21 and 36, and add new claim 37 as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A fully contained solar powered laminated electrical tape ~~illuminated~~ illumination device comprising ~~stacked~~ a plurality of flexible layers in stacked order including a flexible base sealing layer, a flexible thin film battery layer, a flexible thin film photovoltaic layer to produce electricity, ~~a separate flexible thin film battery layer for storing electricity, produced by the photovoltaic, a flexible source of illumination an illuminator layer, powered by electricity produced by the photovoltaic, flexible electrical circuitry for electrically connecting the aforesaid electrical components, a protective surface, an adhesive, and a removable covering for the adhesive applied to said protective surface or base sealing layer, wherein the thin film photovoltaic layer overlies the thin film battery layer, and all of the aforesaid layers are flexible and the assembled wherein the laminated device is also flexible, and formed into a roll~~ and wherein the electrical circuit connects the battery layer, the photovoltaic layer and the illuminator layer whereby to selectively charge the battery and/or power the illuminator.

Claims 2-4 (cancelled).

Claim 5 (previously presented): The device as in claim 1 further comprising an alternative electrical power inlet and outlet connection point in electrical connection with said electrical circuitry.

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 6 (previously presented): The device as in claim 1 further comprising a thermally conductive layer in contact with said electric components or layers to dissipate heat from said electric components.

Claim 7 (previously presented): The device as in claim 1 further comprising one or more sensor switches in electrical connection with said electrical circuitry for turning one or more of said electrical components on and off.

Claim 8 (previously presented): The device as in claim 1 further comprising one or more controllers in electrical connection to said electrical components or circuitry to control activation, duration of illumination and/or signal.

Claim 9 (previously presented): The device as in claim 8 further comprising one or more sensors in electrical connection to said electrical circuitry to provide sensor feedback to the one or more controllers.

Claim 10 (previously presented): The device as in claim 1 further comprising one or more signal transmitters and receivers in electrical connection to said electrical circuitry.

Claim 11 (previously presented): The device as in claim 1 wherein said electrical circuitry prevents electric current drain through said photovoltaic.

Claims 12 and 13 (cancelled)

Claim 14 (previously presented): The device as in claim 1 wherein one or more of the electrical component layers are transparent.

Claim 15 (previously presented): The device as in claim 1 wherein one or more of the non-electrical component layers are transparent.

Claim 16 (previously presented): The device as in claim 1 further comprising one or more transparent adhesive layers.

Claim 17 (currently amended): The device as in claim 1 wherein the ~~source of illumination~~ illuminator layer emits light in the visible light spectrum, non-visible spectrum or combination of both.

Claim 18 (currently amended): The device as in claim 17 wherein the ~~source of illumination~~ illuminator layer comprises one or more light emitting diodes.

Claim 19 (currently amended): The device as in claim 17 wherein the ~~source of illumination~~ illuminator layer comprises one or more organic light emitting devices.

Claim 20 (currently amended): The device as in claim 17 wherein the ~~source of illumination~~ illuminator layer comprises one or more electroluminescent materials.

Claim 21 (currently amended): The device as in claim 17 wherein the ~~source of illumination~~ illuminator layer comprises one or more illuminating chips.

Claim 22 (previously presented): The device as in claim 1 further comprising one or more layers of light refractive materials.

Claim 23 (previously presented): The device as in claim 1 further comprising one or more layers of light reflective materials.

Claim 24 (previously presented): The device as in claim 23 wherein the light reflective material is oriented to reflect in one or more directions.

Claim 25 (previously presented): The device as in claim 1 further comprising one or more layers of fluorescent materials.

Claim 26 (previously presented): The device as in claim 1 further comprising one or more layers of luminescent materials.

Claim 27 (previously presented): The device as in claim 1 further comprising one or more layers of dielectric materials.

Claim 28 (previously presented): The device as in claim 1 wherein an exterior surface of the device is smooth.

Claim 29 (previously presented): The device as in claim 1 wherein an exterior surface of the device is textured.

Claim 30 (previously presented): The device as in claim 1 wherein one or more electrical components are combined in a single layer.

Claim 31 (previously presented): The device as in claim 1 comprising a plurality of layers or multiple devices assembled edge to edge.

Claim 32 (previously presented): The device as in claim 1 comprising a plurality of layers or multiple devices laminated edge to edge.

Claim 33 (previously presented): The device as in claim 1 comprising a plurality of devices in electrical, illumination or signal connection.

Claims 34-35 (cancelled)

Claim 36 (currently amended): A device as in claim 17 wherein the ~~source of illumination~~ illuminator layer includes an electrically powered light source ~~[[is]]~~ selected from the group consisting of a laser, a photonic, an LED and a miniature light emitting source.

Claim 37 (previously presented): A device as in claim 1, formed by roll-to-roll lamination.